

# INTERNATIONAL SEARCH REPORT

Interr I Application No  
PCT/US2004/038221

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/138 A61K31/4468 A61K31/5375 A61K31/4704 A61K31/538  
A61K31/5415 A61K31/40 A61K31/4025 A61K31/445 A61K31/439  
A61K31/5377 A61P15/12 A61P25/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BIOSIS, EMBASE, SCISEARCH, WPI Data, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	WO 2005/047272 A (ELI LILLY AND COMPANY; CAMPBELL, GORDON, IAIN; CASES-THOMAS, MANUEL, J) 26 May 2005 (2005-05-26) abstract page 19, line 1 - page 20, line 7 -----	1,2
E	WO 2005/023802 A (ELI LILLY AND COMPANY; CLARK, BARRY, PETER; GALLAGHER, PETER, THADDEUS) 17 March 2005 (2005-03-17) abstract page 16, line 28 - page 17, line 31; claims ----- -/--	1,2

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

\* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

22 July 2005

Date of mailing of the international search report

01/08/2005

Name and mailing address of the ISA

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 2004/035058 A (WYETH; DEECHER, DARLENE, COLEMAN; MERCHENTHALER, ISTVAN, JOSEPH; LEVEN) 29 April 2004 (2004-04-29) abstract page 4, paragraph 11 - paragraph 12 page 10, paragraph 36 claims 1,6,23	1-3
P,X	WO 2004/035036 A (WYETH; DEECHER, DARLENE, COLEMAN; MERCHENTHALER, ISTVAN, JOSEPH) 29 April 2004 (2004-04-29) abstract page 5, paragraph 19 - page 6, paragraph 23; claims 1,4,13	1-3
A	WO 02/078691 A (ELI LILLY AND COMPANY; WALLACE, OWEN, BRENDAN; GARNETT, TIMOTHY, JOHN) 10 October 2002 (2002-10-10) the whole document	1-3
A	LOPRINZI C L ET AL: "Venlafaxine in management of hot flashes in survivors of breast cancer: a randomised controlled trial" LANCET, vol. 356, no. 9247, 16 December 2000 (2000-12-16), pages 2059-2063, XP004264310 ISSN: 0140-6736 the whole document	1-3
A	QUELLA S K ET AL: "PILOT EVALUATION OF VENLAFAXINE FOR THE TREATMENT OF HOT FLASHES IN MEN UNDERGOING ANDROGEN ABLATION THERAPY FOR PROSTATE CANCER" JOURNAL OF UROLOGY, BALTIMORE, MD, US, vol. 162, no. 1, July 1999 (1999-07), pages 98-102, XP009026289 ISSN: 0022-5347 the whole document	1-3
A	WO 02/40006 A (ELI LILLY AND COMPANY; THOMASSON, HOLLY, READ; MICHELSON, DAVID; READ,) 23 May 2002 (2002-05-23) the whole document	1-3
A	EP 0 534 756 A (ELI LILLY AND COMPANY) 31 March 1993 (1993-03-31) the whole document	1-3
A	WO 03/037334 A (MERCK & CO., INC; ALVES, STEPHEN, E; HAMMOND, MILTON, L; WRIGHT, SAMUE) 8 May 2003 (2003-05-08) page 7, line 10 - page 8, line 9; claims 1-4; example 4	1,2
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,A	WO 2004/052858 A (ELI LILLY AND COMPANY; CLARK, BARRY, PETER; CASES-THOMAS, MANUEL, JAVI) 24 June 2004 (2004-06-24) abstract; claims; examples -----	1-3
P,A	WO 2004/018441 A (ELI LILLY AND COMPANY; CASES-THOMAS, MANUEL, JAVIER; HAUGHTON, HELEN,) 4 March 2004 (2004-03-04) abstract; claims -----	1,2
P,A	WO 2004/017977 A (ELI LILLY AND COMPANY; WALTER, MAGNUS, WILHELM; CLARK, BARRY, PETER; G) 4 March 2004 (2004-03-04) abstract; claims -----	1,2

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## Box II Observations where certain claims were found unsearchable (Continuation of Item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claims 1 and 3 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of Item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☒ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:  
  
1-3 (partially), relating to inventions 1 and 4
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☒ No protest accompanied the payment of additional search fees.

## FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

## 1. claims: 1-3 (partially)

Use of atomoxetine or a compound of formula (I) for treating hot flashes and vasomotor symptoms  
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## 2. claims: 1-2 (partially)

Use of racemic reboxetine or (S,S) reboxetine for treating hot flashes and vasomotor symptoms  
---

## 3. claims: 1-2 (partially)

Use of a compound of formula (IA) for treating hot flashes and vasomotor symptoms  
---

## 4. claims: 1-2 (partially)

Use of a morpholine derivative of formula (IB),(IC),(IG),(IH) for treating hot flashes and vasomotor symptoms  
---

## 5. claims: 1-2 (partially)

Use of a compound of formula (ID) for treating hot flashes and vasomotor symptoms  
---

## 6. claims: 1-2 (partially)

Use of a compound of formula (IE) for treating hot flashes and vasomotor symptoms  
---

## 7. claims: 1-2 (partially)

Use of a compound of formula (IF) for treating hot flashes and vasomotor symptoms  
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## 8. claims: 1-3 (partially)

Use of a selective norepinephrine reuptake inhibitor such as defined in claim 1 for treating impulse control disorders  
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## 9. claims: 1-3 (partially)

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FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Use of a selective norepinephrine reuptake inhibitor such as  
defined in claim 1 for treating personality change due to  
general medical condition  
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